

Exelon Nuclear  
Limerick Generating Station  
P.O. Box 2300  
Pottstown, PA 19464

www.exeloncorp.com

Nuclear

T.S. 6.9.1.6

June 9, 2004

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

Limerick Generating Station, Units 1 and 2  
Facility Operating License Nos. NPF-39 and NPF-85  
NRC Docket Nos. 50-352 and 50-353

Subject: Monthly Operating Report for May 2004

Attached is the monthly operating report for Limerick Units 1 and 2 for the month of May 2004 forwarded pursuant to Technical Specification 6.9.1.6 and the guidance of NRC Generic Letter 97-02. The attached monthly operating report data has also been entered into the INPO Consolidated Database for the month of May 2004 for Units 1 and 2.

If you have any questions or require additional information, please do not hesitate to contact us.

Sincerely,



Bryan C. Hanson  
Plant Manager-LGS

Attachments

cc: H. Miller, Administrator, Region I, USNRC  
A. Burritt, LGS USNRC Senior Resident Inspector

JE24

bcc: R. DeGregorio - GML 5-1  
B. Hanson - GML 5-1  
C. Mudrick - SSB 3-1  
E. Kelly - SSB 3-1  
K. Kemper - SSB 2-4  
S. Gamble - SSB 2-4  
R. McCall - SSB 2-3  
J. Toro - SMB 1-2  
G. Lee - SSB 3-1  
J. Grimes - KSA 2N  
D. Dyckman (PABRP) SSB 2-4

Unit: Limerick 1  
 Docket No: 50-352  
 Date: 6/9/04  
 Completed by: Greg Lee  
 Telephone: (610) 718-3707

**A. OPERATING DATA  
 REPORT REPORTING PERIOD-May 2004**

Design Electrical Rating (MWe-Net)	1191.00
Maximum Dependable Capacity (MWe-Net)	1134.00

	Month	Year to Date	Cumulative
Hours Reactor Critical (Hours)	744.00	3,252.17	141,818.64
Hours Generator On-Line (Hours)	744.00	3,208.38	139,789.58
Unit Reserve Shutdown Hours (Hours)	0.00	0.00	0.00
Net Electrical Energy (MWh)	855,281.00	3,595,470.00	145,421,759.00

**B. UNIT SHUTDOWN**

No.	Date (yymmdd)	Type	Generator Off-line Duration (hrs)	Reason	Method	Corrective Actions/Comments
			None during May 2004			

**SUMMARY**

Unit 1 began the month of May 2004 at 100.0% of rated thermal power (RTP).

On May 27<sup>th</sup> at 03:04 hours, reactor power was reduced from 99.7% to 97.5% RTP for Hydraulic Control Unit directional control valve replacement. At 03:43 hours, reactor power was restored to 99.7% RTP.

On May 28<sup>th</sup> at 22:01 hours, reactor power was reduced from 100.0% to 75.1% RTP for summer readiness load drop.

On May 29<sup>th</sup> at 17:55 hours, reactor power was restored to 99.6% RTP. At 19:52 hours, reactor power was reduced from 99.7% to 98.6% RTP for rod pattern adjustment. At 20:29 hours, reactor power was restored to 99.7% RTP.

Unit 1 ended the month of May 2004 at 99.9% RTP.

Type	Reason	Method
F-Forced	A-Equipment Failure (Explain)	1-Manual
S-Scheduled	B-Maintenance or Test	2-Manual Trip/Scram
	C-Refueling	3-Automatic Trip/Scram
	D-Regulatory Restriction	4-Continuation
	E-Operator Training/License Examination	5-Other(Explain)
	F-Administrative	
	G-Operational Error (Explain)	
	H-Other (Explain)	

**C. SAFETY/RELIEF VALVE OPERATION**

Date	Valves Actuated	No. & Type of Actuation	Plant Condition	Description of Event
		None During May 2004		

Unit: Limerick 2  
 Docket No: 50-353  
 Date: 6/9/04  
 Completed by: Greg Lee  
 Telephone: (610) 718-3707

**A. OPERATING DATA**  
**REPORT REPORTING PERIOD-May 2004**

Design Electrical Rating (MWe-Net)	1191.00
Maximum Dependable Capacity (MWe-Net)	1134.00

	Month	Year to Date	Cumulative
Hours Reactor Critical (Hours)	744.00	3,647.00	118,097.10
Hours Generator On-Line (Hours)	744.00	3,647.00	116,334.72
Unit Reserve Shutdown Hours (Hours)	0.00	0.00	0.00
Net Electrical Energy (MWh)	828,969.00	4,227,928.00	125,249,294.00

**B. UNIT SHUTDOWN**

No.	Date (yymmdd)	Type	Generator Off-line Duration (hrs)	Reason	Method	Corrective Actions/Comments
			None during May 2004			

**SUMMARY**

Unit 2 began the month of May 2004 at 100.0% of rated thermal power (RTP).

On May 14<sup>th</sup> at 22:02 hours, reactor power was reduced from 99.6% to 59.1% RTP for summer readiness load drop.

On May 17<sup>th</sup> at 19:30 hours, reactor power was restored to 100.0% RTP.

On May 22<sup>nd</sup> at 22:03 hours, reactor power was reduced from 99.9% to 79.3% RTP for rod pattern adjustments.

On May 23<sup>rd</sup> at 17:51 hours, reactor power was restored to 99.8% RTP

Unit 2 ended the month of May 2004 at 100.0% RTP.

Type	Reason	Method
F-Forced	A-Equipment Failure (Explain)	1- Manual
S-Scheduled	B-Maintenance or Test	2- Manual Trip/Scram
	C-Refueling	3- Automatic Trip/Scram
	D-Regulatory Restriction	4-Continuation
	E-Operator Training/License Examination	5-Other (Explain)
	F-Administrative	
	G-Operational Error (Explain)	
	H-Other (Explain)	

**C. SAFETY/RELIEF VALVE OPERATION**

Date	Valves Actuated	No. & Type of Actuation	Plant Condition	Description of Event
		None During May 2004		